

# Wildlife Damage Abatement and Claims Program 2002

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## **Introduction**

Each year the Wisconsin Department of Natural Resources (WDNR), through the Wildlife Damage Abatement and Claims Program (WDACP), provides damage prevention assistance and partial compensation to farmers when wild deer, bear, geese and turkeys damage their agricultural crops. The program covers damage to the following: commercial seedings and crops grown on agricultural land, crops that have been harvested for sale or further use but have not been removed from the agricultural land, orchard trees, nursery stock, apiaries, and livestock.

Wisconsin has had a wildlife damage program since 1931. The current WDACP was created in 1983 by the legislature, in response to concerns from the agricultural community and with input from farmers, hunters, landowners, and wildlife damage specialists. In 2002, 69 of the 72 counties in Wisconsin participated in the WDACP. Kenosha, Lafayette, and Menominee counties did not participate in the program.

## **Methods**

Abatement assistance and claims appraisal investigations for the WDACP are conducted in accordance with State Statute 29.889 and Wisconsin Administrative Code NR 19, using methods documented in the WDACP Technical Manual (a copy of this manual can be obtained by writing to: Wildlife Damage Specialist, Bureau of Wildlife Management, WM/4, Wisconsin Department of Natural Resources, PO Box 7921, Madison, WI 53707-7921). County government is responsible for local implementation of the program. During 2002, 43 counties subcontracted 'on farm' services to Wildlife Services, a branch of the U.S. Department of Agriculture—Animal and Plant Health Inspection Service (USDA-APHIS-WS).

## **Results**

Tentatively, WDNR will pay 594 wildlife damage claims for damage that occurred during 2002, reflecting \$2,336,558 in appraised losses, with \$1,928,870 eligible for payment (Table 1). The number of claims filed increased slightly and appraised losses increased significantly from 2001 (4% and 26% increase, respectively). In general, the number of claims filed and appraised losses have increased each year since 1993, with the exception of the sharp decline observed between 1997 and 1998 which corresponded with implementation of improved regulations for enforcement of hunting access requirements in 1998 (Figure 1, Table 2). Above average growing and harvest seasons and lower crop prices may have also contributed to the lower numbers observed since 1997. Despite increases observed in each of the last five years, the number of claims filed and total appraised losses in 2002 are still only slightly over 50% and 73%, respectively, of 1997 claims and losses.

Wildlife damage claims were filed in 62 of the 69 counties enrolled in the program in 2002 (Table 1). On average, 9.6 claims were filed (range 0 - 42) and \$37,686 in damage was appraised (range \$0 - \$297,691) in each county enrolled in the program. Both figures are higher than in 2001. Marinette, Marquette, Price, Green Lake, Columbia, Adams, and Burnett counties had the greatest appraised losses from wildlife damage (>\$100,000 each) and Marinette, Bayfield, Richland, and Marquette counties had the most acreage damaged by

wildlife (>1000 acres each). Assessed damage in 2002 increased from 2001 levels in 41 counties, and decreased in 25 counties. The largest increases in assessed damage (> \$50,000) occurred in Marinette (\$80,582 increase), and Price (\$75,962 increase) counties. Assessed damage decreased by more than \$30,000 from 2001 to 2002 in Door (\$47,469) and Jackson (\$30,784) counties. The largest numbers of claims (25 or more) were filed in Marinette, Burnett, and Green Lake counties. The number of claims filed increased substantially (> 5 claims) from 2001 to 2002 in Marinette, Adams, Polk and Bayfield counties, and decreased by more than 4 claims in Washburn county.

Deer damage represented 91% of appraised losses statewide, bear damage 5%, goose damage 2%, and turkey damage 2%. Total deer damage recorded statewide increased 27% from 2001 to 2002 (compared to only a 4% increase from 2000 to 2001). Statewide bear and turkey damage increased, by 7% and 483%, respectively. Statewide goose damage decreased by 8% from 2001 to 2002.

Appraised losses from deer damage exceeded \$110,000 in Marinette, Marquette, Price, Green Lake and Adams counties (Table 1). Deer damage units with very high losses (more than \$80,000) were 67B, 67A, 51A, 54A, and 51B (Table 3). In these deer management units, the primary crops damaged were corn and soybeans. Statewide, the primary crop damaged by deer was corn (appraised loss \$845,411), followed by soybeans, forage crops, other fruits and vegetables, potatoes and orchards (Table 4, Figure 2).

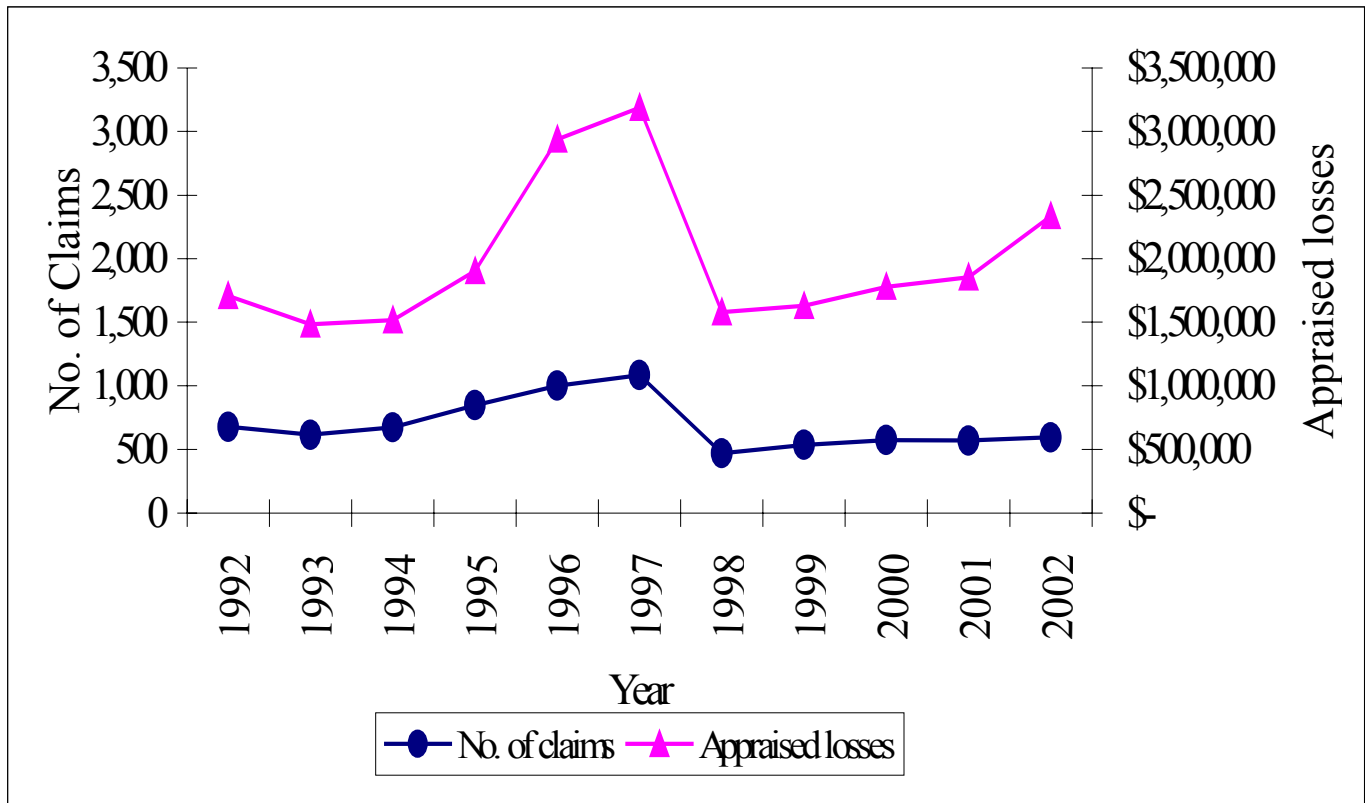
Appraised damage losses from bear were highest in Sawyer County (\$41,458), with damage occurring primarily to corn. Appraised losses from geese were highest in Brown County (\$7,086) with geese damaging primarily snap beans and forage crops (Table 1). Turkey damage occurred in eight counties, and was highest in Vernon County where turkeys caused substantial damage to ginseng (Table 1).

State abatement costs for the program totaled \$638,220 in 2002. The WDACP built 14, 8ft, high tensile, woven wire fences in 12 counties, which collectively measured 12.3 miles in length and cost the program \$167,396 (Table 5). An additional \$50,599 was spent for temporary fences, \$10,926 for repellents, \$69,877 for bear trapping, and \$25,517 for scare devices. The most commonly used abatement measure was deer damage shooting permits. In 2002, we issued 567 deer damage shooting permits across the state under which 4,846 deer were removed (see Agricultural Deer Damage Shooting Permits, 2002). USDA-APHIS-WS provided assistance to the Department in trapping and relocating 398 bears damaging crops, up from 354 bears trapped and relocated in 2001. State administration costs for WDACP participant counties totaled \$923,351 in 2002. In addition to state expenditures on WDACP administration and abatement, an additional \$196,449 in administration costs and \$13,825 in abatement costs were contributed by the federal government, USDA-APHIS-WS.

An abatement method used for the first time in 2000 was a venison donation program. State statute 29.89 was passed in the summer of 2000, authorizing the use of WDACP funds to fund processing of venison for donation to food pantries. Two conditions must be met before venison processing can be funded using WDACP funds in a county in any year. First, the WDACP must have adequate funds to fund administration, abatement, and claims costs for the county WDACP before funds can be allotted to venison processing. Second, the county must be enrolled in the WDACP. In 2002, 42 of 69 counties chose to participate in Wisconsin Deer Donation 2002. In those counties, hunters donated 5,646 deer, and processors processed approximately 254,000 pounds of venison (Table 6). Counties in which hunters donated the most deer were Outagamie (359), Brown (314), and Trempealeau (305). Food pantries distributed this venison to needy people around the state. The cost of the program in 2002 was

approximately \$325,985. 94% (\$305,517) of program costs were for venison processing fees, and the remaining 6% (\$20,468) were advertising and administration costs.

**Figure 1.** Trends in the number of wildlife damage claims filed and appraised losses in the WDACP, 1992-2002. Data source: WDACP database.



**Table 1. WDACP 2002 wildlife damage claims characteristics by county.**

County	No. of Claims Filed	Assessed Damage	Eligible Claims	Average Claim	Acres Appraised	Acres Damaged	Total Deer Damage	Total Goose Damage	Total Bear Damage	Total Turkey Damage
Adams	24	110,243	97,955	4,081	4,716	852	110,243	0	0	0
Ashland	2	2,003	1,724	862	193	12	0	0	2,003	0
Barron	9	16,612	14,649	1,628	1,423	105	14,016	2,538	58	0
Bayfield	11	90,201	40,991	3,726	2,191	1,588	72,495	0	17,706	0
Brown	13	47,686	41,701	3,208	1,270	298	40,601	7,086	0	0
Buffalo	1	615	560	560	1	6	0	0	615	0
Burnett	31	102,190	85,360	2,754	5,642	579	91,728	0	10,462	0
Calumet	3	14,424	7,865	2,622	511	152	13,017	0	0	1,407
Chippewa	3	2,947	2,197	732	300	46	2,947	0	0	0
Clark	11	12,226	9,476	861	894	224	11,776	0	450	0
Columbia	22	111,445	97,492	4,431	4,641	845	107,636	705	0	3,103
Crawford	2	27,536	22,229	11,114	250	2	27,536	0	0	0
Dane	15	38,330	33,674	2,245	1,095	134	36,498	1,832	0	0
Dodge	17	32,739	27,723	1,631	1,584	188	30,888	1,851	0	0
Door	11	26,708	23,810	2,165	1,003	362	24,777	0	0	1,931
Douglas	1	883	0	0	156	5	0	0	883	0
Dunn	5	8,286	7,286	1,457	99	20	6,109	0	2,177	0
Eau Claire	1	1,595	1,345	1,345	11	2	1,595	0	0	0
Florence	11	18,146	15,382	1,398	1,447	380	16,922	0	1,224	0
Fond du Lac	10	23,386	20,532	2,053	1,985	186	23,386	0	0	0
Forest	0									
Grant	20	67,373	59,851	2,993	4,708	892	66,300	0	0	1,073
Green	0									
Green Lake	26	113,002	98,524	3,789	3,949	831	113,002	0	0	0
Iowa	14	30,197	25,452	1,818	2,023	331	30,197	0	0	0
Iron	0									
Jackson	3	7,827	7,190	2,397	890	68	7,827	0	0	0
Jefferson	3	1,367	617	206	184	11	981	386	0	0
Juneau	12	30,124	23,165	1,930	2,150	136	30,124	0	0	0
Kenosha	NEP									
Kewaunee	4	4,169	3,169	792	220	41	2,593	761	0	814
La Crosse	5	3,948	2,908	582	232	23	3,469	0	0	478
Lafayette	NEP									
Langlade	5	9,579	8,371	1,674	984	79	8,034	0	1,545	0
Lincoln	3	7,898	7,148	2,383	1,072	98	6,995	0	903	0
Manitowoc	6	14,854	10,549	1,758	271	85	10,686	3,742	0	426
Marathon	16	74,565	58,631	3,664	3,954	297	65,339	5,148	4,078	0
Marinette	42	297,634	256,778	6,114	8,832	2,899	296,913	0	721	0

**Table 1. WDACP 2002 wildlife damage claims characteristics by county.**

County	No. of Claims Filed	Assessed Damage	Eligible Claims	Average Claim	Acres Appraised	Acres Damaged	Total Deer Damage	Total Goose Damage	Total Bear Damage	Total Turkey Damage
Marquette	22	170,094	135,726	6,169	4,423	1,128	170,094	0	0	0
Menominee	NEP									
Milwaukee	0									
Monroe	8	43,781	37,212	4,651	336	52	43,781	0	0	0
Oconto	3	7,221	6,471	2,157	282	49	7,221	0	0	0
Oneida	1	10,659	9,327	9,327	230	70	10,659	0	0	0
Outagamie	18	96,448	86,269	4,793	2,824	775	92,492	3,957	0	0
Ozaukee	0									
Pepin	0									
Pierce	0									
Polk	23	59,057	45,126	1,962	1,556	219	55,253	912	2,707	0
Portage	13	36,334	31,672	2,436	1,344	271	29,712	6,174	447	0
Price	18	128,427	113,153	6,286	1,540	867	114,242	0	14,185	0
Racine	1	985	735	735	45	13	0	985	0	0
Richland	15	40,336	36,508	2,434	3,411	1,548	40,336	0	0	0
Rock	2	4,700	4,200	2,100	169	25	0	4,700	0	0
Rusk	5	10,203	8,953	1,791	266	67	5,168	0	5,035	0
Sauk	9	15,056	12,806	1,423	931	100	15,056	0	0	0
Sawyer	22	99,883	84,902	3,859	3,908	474	57,424	1,001	41,458	0
Shawano	3	3,745	2,995	998	191	20	3,745	0	0	0
Sheboygan	2	1,378	878	439	53	8	742	637	0	0
St. Croix	5	15,205	13,955	2,791	183	183	10,005	0	4,760	0
Taylor	4	5,554	4,554	1,138	331	92	2,884	2,166	504	0
Trempealeau	6	14,355	12,855	2,143	1,373	106	14,355	0	0	0
Vernon	2	39,422	15,379	7,689	26	5	629	0	0	38,793
Vilas	3	13,495	11,381	3,794	327	71	13,495	0	0	0
Walworth	2	4,280	3,780	1,890	32	8	2,266	2,014	0	0
Washburn	9	44,093	30,269	3,363	2,800	338	27,857	384	15,852	0
Washington	4	7,884	6,632	1,658	292	60	7,044	841	0	0
Waukesha	5	18,504	16,034	3,207	77	15	16,984	1,520	0	0
Waupaca	1	959	709	709	18	6	959	0	0	0
Waushara	10	40,499	34,988	3,499	1,524	433	40,499	0	0	0
Winnebago	9	30,245	27,808	3,090	1,255	299	30,245	0	0	0
Wood	7	23,019	19,288	2,755	1,363	61	23,019	0	0	0
<b>Total</b>	<b>594</b>	<b>\$2,336,558</b>	<b>\$1,928,870</b>	<b>\$3,247</b>	<b>89,987</b>	<b>19,136</b>	<b>\$ 2,110,795</b>	<b>\$ 49,339</b>	<b>\$ 127,774</b>	<b>\$ 48,026</b>

NEP: Not enrolled in WDACP

**Table 2. WDACP claims filed and appraised damage losses by county, 1996-2002.**

	2002		2001		2000		1999		1998		1997		1996	
County	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage
Adams	24	110,243	17	65,479	20	68,021	19	68,122	18	58,406	24	92,114	27	86,165
Ashland	2	2,003	2	12,934	1	1,195	3	2,313	2	1,049	5	2,847	1	445
Barron	9	16,612	10	11,841	16	23,292	11	16,935	8	13,752	32	72,986	23	42,753
Bayfield	11	90,201	6	36,685	11	51,876	11	26,776	10	23,616	5	11,559	6	19,175
Brown	13	47,686	9	56,150	9	42,148	8	47,190	6	62,496	12	101,354	12	69,297
Buffalo	1	615	1	425	3	2,343	2	2,047	1	538	3	5,018	6	9,627
Burnett	31	102,190	30	73,982	33	104,117	39	113,412	31	84,203	35	80,484	24	51,373
Calumet	3	14,424	2	9,789	4	12,759	4	12,434	4	21,779	9	41,200	4	19,682
Chippewa	3	2,947	3	3,966	5	3,730	2	13,137	0		7	24,528	2	6,913
Clark	11	12,226	9	13,686	10	12,262	10	15,562	3	8,467	14	22,772	14	33,700
Columbia	22	111,445	25	137,276	25	125,101	25	98,661	23	88,837	36	151,799	21	87,596
Crawford	2	27,536	2	9,552	1	20,658	1	454	0		0		5	54,363
Dane	15	38,330	13	27,479	9	18,931	7	21,877	5	10,664	12	28,633	13	19,816
Dodge	17	32,739	13	18,105	13	23,841	16	42,557	14	21,591	22	38,359	28	48,913
Door	11	26,708	13	74,177	5	24,841	7	13,812	3	2,584	6	12,738	17	38,229
Douglas	1	883	0		2	3,016	2	1,949	3	3,293	1	662	0	
Dunn	5	8,286	1	946	3	5,436	6	3,173	5	3,310	8	13,488	6	16,706
Eau Claire	1	1,595	1	1,136	0		0		0		0		0	
Florence	11	18,146	11	19,734	11	25,470	9	18,080	8	15,703	14	37,922	13	51,245
Fond du Lac	10	23,386	9	18,624	11	19,681	5	13,849	7	12,580	17	52,383	18	52,370
Forest	0		0		0		1	318	0		0		2	1,086
Grant	20	67,373	17	31,759	16	45,424	15	35,842	11	33,309	65	253,269	42	153,207
Green	0		0		0		0		0		0		0	
Green Lake	26	113,002	22	83,028	21	80,461	17	59,177	23	88,067	46	184,132	44	168,327
Iowa	14	30,197	13	24,023	14	32,444	8	17,209	7	17,846	38	73,535	55	124,316
Iron	0		0		0		0		0		1	697	1	776
Jackson	3	7,827	6	38,611	8	21,817	8	15,852	6	12,486	17	38,880	24	44,377
Jefferson	3	1,367	3	2,526	4	3,168	3	2,295	2	2,953	1	1,345	9	6,904
Juneau	12	30,124	13	40,118	15	45,074	15	41,166	15	100,742	22	71,013	13	25,617
Kenosha	NEP		NEP		NEP		NEP		NEP		NEP		NEP	
Kewaunee	4	4,169	1	3,543	0		0		1	434	2	576	3	5,251
La Crosse	5	3,948	4	3,512	2	1,589	9	12,012	6	9,721	9	8,342	5	5,942
Lafayette	NEP		NEP		NEP		NEP		NEP		NEP		NEP	
Langlade	5	9,579	4	9,015	5	14,616	2	1,952	0		3	4,913	1	1,180
Lincoln	3	7,898	3	7,123	3	5,996	4	11,052	2	7,846	3	9,261	3	2,237
Manitowoc	6	14,854	9	12,556	9	25,747	5	10,287	6	7,241	11	34,677	6	10,778
Marathon	16	74,565	20	56,139	20	62,704	22	170,869	17	69,497	15	36,434	10	14,746
Marinette	42	297,634	34	217,052	25	91,461	14	26,797	16	35,351	42	84,951	49	98,351
Marquette	22	170,094	23	105,946	22	154,923	21	109,641	22	95,273	61	264,325	56	308,275

**Table 2. WDACP claims filed and appraised damage losses by county, 1996-2002.**

	2002		2001		2000		1999		1998		1997		1996	
County	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage
Menominee	NEP		NEP		NEP		NEP		NEP		NEP		NEP	
Milwaukee	0		2	2,893	NEP		NEP		NEP		NEP		NEP	
Monroe	8	43,781	6	35,156	10	38,785	8	10,732	7	11,299	20	32,985	16	32,813
Oconto	3	7,221	6	10,556	2	1,960	4	4,206	4	7,752	12	32,594	9	7,866
Oneida	1	10,659	2	21,048	1	11,847	3	53,918	4	62,792	1	3,112	1	2,367
Outagamie	18	96,448	21	99,704	21	99,867	21	75,509	21	79,349	34	175,588	27	155,658
Ozaukee	0		3	7,783	0		1	1,424	1	3,000	5	2,477	6	2,633
Pepin	0		1	1,020	0		2	2,261	1	1,375	3	4,277	3	4,561
Pierce	0		1	938	1	1,280	2	2,025	2	1,289	11	10,403	6	6,524
Polk	23	59,057	16	26,157	18	37,469	18	50,787	14	125,869	33	51,748	28	57,841
Portage	13	36,334	15	37,848	15	29,527	12	31,947	13	43,661	27	67,019	28	69,177
Price	18	128,427	15	52,465	17	55,124	9	23,364	11	22,201	10	21,615	9	30,097
Racine	1	985	3	7,568	1	968	0		1	1,102	0		0	
Richland	15	40,336	18	58,094	16	37,055	12	23,240	8	21,144	70	288,545	52	198,455
Rock	2	4,700	2	1,055	2	1,322	3	9,455	2	4,352	3	5,085	1	6,523
Rusk	5	10,203	2	1,633	6	3,947	11	8,883	2	1,338	16	17,149	13	16,588
Sauk	9	15,056	11	16,669	12	22,577	10	18,730	16	44,727	45	128,095	46	144,207
Sawyer	22	99,883	20	82,394	24	74,223	23	45,679	19	38,722	30	89,931	22	55,782
Shawano	3	3,745	5	11,925	4	11,989	3	7,047	2	1,706	7	10,522	5	6,903
Sheboygan	2	1,378	0		0		0		1	351	13	29,056	17	37,844
St. Croix	5	15,205	2	2,565	3	4,442	1	654	1	2,388	1	855	3	9,155
Taylor	4	5,554	3	9,071	2	766	1	903	1	732	5	3,726	2	1,716
Trempealeau	6	14,355	9	15,501	4	4,353	10	18,132	9	16,100	25	68,960	34	85,194
Vernon	2	39,422	3	2,121	2	6,612	3	27,565	4	38,702	48	89,779	50	114,522
Vilas	3	13,495	3	11,071	4	29,563	3	39,899	2	1,888	3	2,160	3	2,142
Walworth	2	4,280	1	495	2	3,031	0		0		0		1	674
Washburn	9	44,093	13	18,208	14	25,514	15	54,143	9	47,222	13	17,066	12	48,784
Washington	4	7,884	3	5,104	3	4,384	1	2,535	1	673	3	11,197	2	14,159
Waukesha	5	18,504	4	9,523	2	9,582	0		0		NEP		NEP	
Waupaca	1	959	4	9,866	2	3,820	2	4,192	0		1	1,464	4	36,865
Waushara	10	40,499	13	38,922	12	33,914	12	27,509	14	38,889	28	51,204	14	22,638
Winnebago	9	30,245	9	24,443	9	34,664	12	30,815	11	39,865	20	112,980	24	86,880
Wood	7	23,019	5	7,065	10	15,521	3	6,140	5	8,527	AB		AB	
<i>Total</i>	<i>594</i>	<i>2,336,558</i>	<i>570</i>	<i>1,856,567</i>	<i>575</i>	<i>1,778,247</i>	<i>536</i>	<i>1,628,500</i>	<i>471</i>	<i>1,580,647</i>	<i>1,085</i>	<i>3,186,789</i>	<i>1,001</i>	<i>2,938,304</i>

AB: Abatement only

NEP: Not enrolled in WDACP

**Table 3.** 2002 WDACP claims of deer damage, appraised loss from deer damage, and appraised loss by crop from deer damage, by deer management unit. Deer management units not listed had no damage recorded through the WDACP. Because claims sometimes include damage to crops in multiple deer management units, the sum of column two is not equal to the total number of deer damage claims filed in the WDACP in 2002.

DMU	No. of claims	Total Appraised Loss	Corn <sup>1</sup>	Soybeans	Forage <sup>2</sup>	Potatoes	Orchards <sup>3</sup>	Cranberries	Sweet corn	Nursery stock	Cabbage	Other fruits and vegetables <sup>4</sup>	Other <sup>5</sup>
02	1	2,984										2,984	
03	4	48,353					48,353						
05	1	2,382											2,382
06	3	18,776	1,585	1,784									15,407
10	10	18,211	11,212	5,499	284							327	890
11	15	29,999	9,148	8,356	12,496								
12	3	4,493	1,523	2,970									
13	5	22,613	3,140	14,733	4,740								
14	2	18,475										300	18,175
15	16	51,919	21,760	11,105	266		15,784					3,003	
16	19	60,776	15,832	11,388	2,356		22,149					9,052	
17	3	8,458	686	5,302	295								2,175
18	6	12,385	8,042		4,343								
19	5	21,704	2,458	6,234	266			4,728				7,733	285
20	4	33,629	12,523	12,373	4,821		3,913						
21	4	3,276	1,669	1,031									575
22	4	2,535	864	1,671									
22A	5	12,677	12,110	567									
23	1	3,291	3,291										
25	10	43,902	17,655	3,409	1,425								21,413
29A	1	2,580	1,545		1,035								
30	3	11,167	1,287										9,880
32	2	13,882	6,708	2,924	4,250								
33	8	13,951	9,443	3,363	829								316
35	2	658			658								
36	2	12,837			763	12,074							
40	2	2,204	1,660									543	
41	5	31,114	13,214	1,388	16,511								
42	4	6,080	2,414	1,111	631								1,924
43	1	251	251										
46	4	4,876	2,710	78								384	1,703
49B	8	64,685	14,166	5,818	22,222	15,324			2,518			4,637	
50	9	21,088	4,491		15,548								1,049



**Table 3. 2002 WDACP claims of deer damage, appraised loss from deer damage, and appraised loss by crop from deer damage, by deer management unit. Deer management units not listed had no damage recorded through the WDACP. Because claims sometimes include damage to crops in multiple deer management units, the sum of column two is not equal to the total number of deer damage claims filed in the WDACP in 2002.**

DMU	No. of claims	Total Appraised Loss	Corn <sup>1</sup>	Soybeans	Forage <sup>2</sup>	Potatoes	Orchards <sup>3</sup>	Cranberries	Sweet corn	Nursery stock	Cabbage	Other fruits and vegetables <sup>4</sup>	Other <sup>5</sup>
51A	19	116,948	59,240	7,946	40,923				6,952			1,713	176
51B	15	85,018	39,264	6,501	12,805				6,760		3,731	14,667	1,289
52	1	10,659				10,659							
53	17	79,100	10,905	16,633	9,860	19,289		13,619				8,795	
54A	29	102,330	22,126	21,982	6,886	27,138				12,102		12,096	
54B	7	11,142	7,257	3,716	169								
54C	1	6,344	5,431	913									
56	4	16,378	968	1,724				11,665				2,021	
57A	4	28,280	3,634	16,958	2,466	5,222							
57B	7	5,251	2,129	2,455	667								
57C	4	5,179	1,229	675	621							2,564	91
58	5	8,957	4,847	1,987	2,123								
59A	3	3,818	806		1,418				1,595				
59B	3	2,028	476	771	57		723						
59C	10	22,922	15,116	7,806									
59D	5	3,944	1,402	1,105			1,438						
60B	1	1,022	1,022										
60M	3	8,983	1,401	5,182						2,400			
62A	13	50,531	12,055	7,073	763	9,625			10,955			10,061	
62B	2	2,478	1,767	711									
63A	13	58,720	27,851	15,061	2,538						13,117	153	
63B	4	31,092	18,321	12,771									
64	7	24,214	8,819	6,257	1,462							6,816	859
64M	10	40,090	9,141	4,556	11,269					1,170	8,545	4,000	1,410
65B	1	886	656	230									
66	21	70,143	35,761	23,667	8,274				1,796				645
67A	18	110,581	63,196	27,356	13,838	5,154							1,037
67B	24	149,739	114,673	21,854	3,995				388			8,383	447
68A	15	49,965	28,437	10,120	5,360				3,720	2,198			131
68B	11	27,542	11,950	4,574	888				6,242			3,639	248
69	4	3,054	880	1,363	254							532	25
70	5	8,270	6,063	2,206									
70A	11	22,857	15,750	2,709	2,590				536			1,198	75

**Table 3. 2002 WDACP claims of deer damage, appraised loss from deer damage, and appraised loss by crop from deer damage, by deer management unit. Deer management units not listed had no damage recorded through the WDACP. Because claims sometimes include damage to crops in multiple deer management units, the sum of column two is not equal to the total number of deer damage claims filed in the WDACP in 2002.**

DMU	No. of claims	Total Appraised Loss	Corn <sup>1</sup>	Soybeans	Forage <sup>2</sup>	Potatoes	Orchards <sup>3</sup>	Cranberries	Sweet corn	Nursery stock	Cabbage	Other fruits and vegetables <sup>4</sup>	Other <sup>5</sup>
70E	8	53,632	14,695	12,312	7,659							18,965	
70G	6	20,343	10,746	4,836	1,449							3,312	
71	17	44,471	27,076	5,127	4,099							8,169	
72	2	25,602						7,301					18,302
73B	4	11,203	7,719	3,393	90								
73C	2	7,807	7,807										
73D	6	27,782	22,121		5,661								
73E	7	19,509	13,798	1,965	3,745								
74B	2	27,536					8,036			19,500			
75	1	1,880	1,497	383									
75A	4	7,232	6,749	483									
75C	6	16,067	9,508	5,454	691		414						
76	5	16,469		159						15,725			585
76A	4	1,673	1,387						286				
76M	1	1,783								1,783			
77B	1	2,266								2,266			
77C	1	6,512	2,530	3,638	343								
77M	3	16,984	384							16,600			
80A	5	10,243		1,216			8,340			688			
80B	9	17,126	6,610	5,978			588					3,911	40
<i>Total</i>		<i>\$2,110,795</i>	<i>\$846,583</i>	<i>\$382,914</i>	<i>\$246,702</i>	<i>\$104,485</i>	<i>\$109,738</i>	<i>\$37,312</i>	<i>\$41,746</i>	<i>\$74,431</i>	<i>\$25,393</i>	<i>\$139,958</i>	<i>\$101,533</i>

<sup>1</sup> Corn includes corn for grain, silage, and organic corn (in descending order of appraised losses).

<sup>2</sup> Forage includes alfalfa, alfalfa/grass mix, hay, alfalfa/clover mix, and clover (in descending order of appraised losses).

<sup>3</sup> Orchards include apples and cherries (in descending order of appraised losses).

<sup>4</sup> Other fruits and vegetables includes pumpkins, snap beans, carrots, strawberries, cucumbers, green beans, watermelon, squash, red peppers, snap peas, peas, musk melon, broccoli, onions, beets, lettuce, and cantaloupe (in descending order of appraised losses).

<sup>5</sup> Other includes Christmas trees, sunflowers, small grains, and straw (in descending order of appraised losses).

**Table 4. W.D.A.C.P. 2002 statewide deer damage claims summarized by crop category.**  
*Note that a claim including deer damage to multiple crops within the same category is counted only once. Because claims often include damage to crops in multiple categories, the sum of column two is not equal to the total number of deer damage claims filed in the WDACP in 2002.*

Category	No. of claims	Acres appraised	Acres damaged	Appraised loss	Yield lost	Units
Corn <sup>1</sup>	385	35,371	4,833	846,583	370,384	bushels
Soybeans	243	17,866	3,054	382,914	74,751	bushels
Forage <sup>2</sup>	159	18,302	6,063	246,702	2,726	tons
Other fruits and vegetables <sup>3</sup>	39	2,588	1,537	139,958	*	
Potatoes	11	2,235	142	104,485	11,592	hundred weight
Orchards <sup>4</sup>	16	878	1,528	109,738	*	
Cranberries	5	128	11	37,312	1366	barrels
Sweet corn	24	2,256	204	41,746	*	
Nursery stock	15	295	120	74,431	*	
Cabbage	6	541	85	25,393	*	
Other <sup>5</sup>	45	2,104	326	101,533	*	
Total		82,564	17,904	\$2,110,795		

\* Multiple methods of marketing crops in this category.

<sup>1</sup> Corn includes corn for grain, silage, and organic corn (in descending order of appraised losses); total yield lost calculation for this category excludes a small amount of corn for silage marketed by the ton.

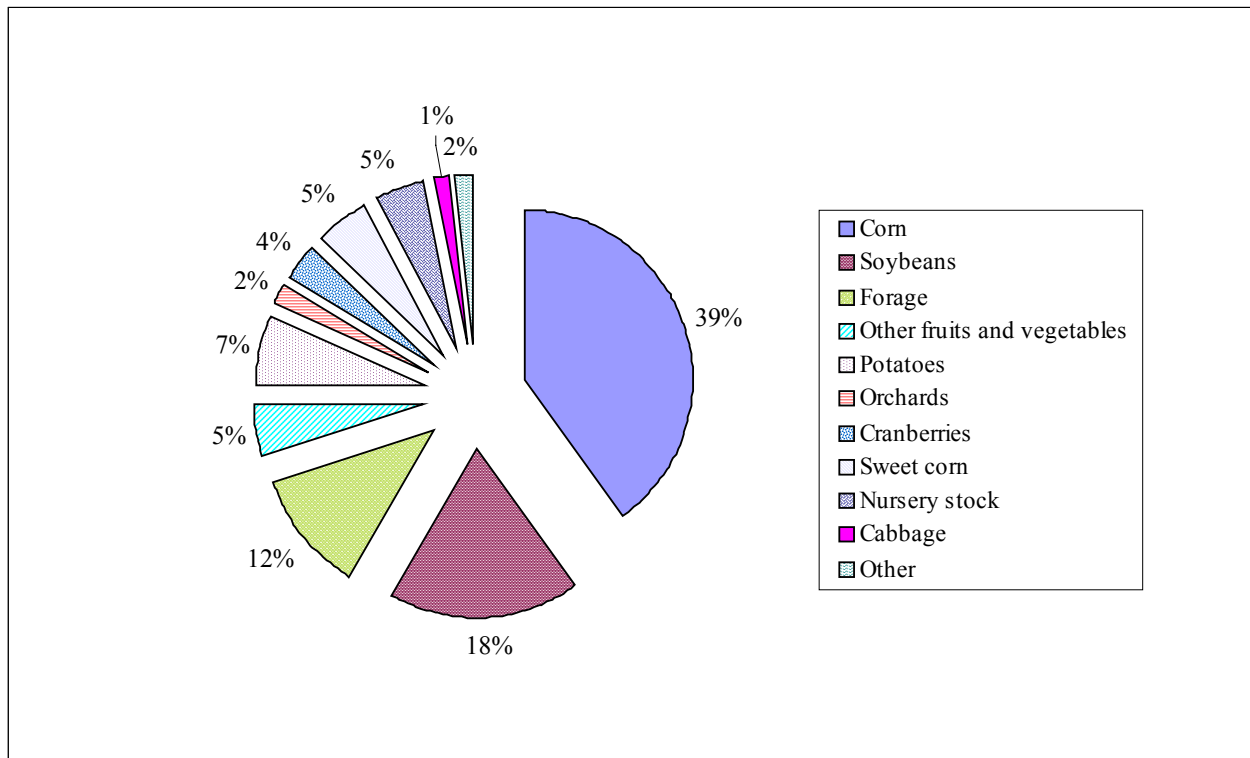
<sup>2</sup> Forage includes alfalfa, alfalfa/grass mix, hay, alfalfa/clover mix, and clover (in descending order of appraised losses).

<sup>3</sup> Other fruits and vegetables includes pumpkins, snap beans, carrots, strawberries, cucumbers, green beans, watermelon, squash, red peppers, snap peas, peas, musk melon, broccoli, onions, beets, lettuce, and cantaloupe (in descending order of appraised losses).

<sup>4</sup> Orchards include apples and cherries (in descending order of appraised losses).

<sup>5</sup> Other includes Christmas trees, sunflowers, small grains, and straw (in descending order of appraised losses).

**Figure 2.** Value of statewide appraised deer damage losses recorded in the WDACP in 2002 by crop category. See Table 4 for a description of the crop categories.



**Table 5.** *Eight foot, high tensile, woven wire, deer barrier fence projects installed in 2002.*  
*Source: WDNR WDACP Database and personal communication with USDA-Wildlife Services and county wildlife damage specialists.*

County	Number of fences	Cost to WDACP	Linear feet of fence	Acres protected by fence	Crops protected by fence
Adams	1	\$6,670	2220		Christmas trees
Burnett	2	\$11,175	3725	17	Apple trees and blueberries
		\$6,321	2555		Strawberries
Door	2	\$15,225	5,150	37.5	Apple orchard
		\$8,775	3200		Apple and cherry trees
Dunn	1	\$5,475	2,038	10	Silage
Eau Claire	1	\$19,125	9,740		Apple orchard
Florence	1	\$8,478	2,825	10	Pumpkins
Manitowoc	1	\$20,580	6,860		Nursery
Monroe	1	\$11,385	3,795		Cranberries
Oconto	1	\$7,913	3,800	15	Trees
Outagamie	1	\$21,900	7,300		Blueberries
Polk	1	\$8,325	2,775	17	Apple trees and blueberries
Wood	1	\$16,050	8850	160	Cranberries
<i>Total</i>	<i>14</i>	<i>\$167,396</i>	<i>64,833</i>		

(12.3 miles)

**Table 6.** *Numbers of deer and pounds of venison donated through Wisconsin Deer Donation 2002. Numbers of deer are based on phone surveys to participating processors in January 2003. Pounds of venison are estimated, assuming 45 lbs. of venison per deer donated.*

County	No. of Deer	Pounds of venison	County	No. of Deer	Pounds of venison
Adams	65	2,925	Oneida	113	5,085
Ashland	34	1,530	Outagamie	359	16,155
Barron	174	7,830	Ozaukee	94	4,230
Brown	314	14,130	Pierce	89	4,005
Buffalo	274	12,330	Polk	95	4,275
Burnett	79	3,555	Portage	194	8,730
Chippewa	126	5,670	Price	128	5,760
Dodge	250	11,250	Richland	42	1,890
Door	124	5,580	Rusk	54	2,430
Dunn	136	6,120	St. Croix	56	2,520
Eau Claire	48	2,160	Sawyer	77	3,465
Fond du Lac	257	11,565	Shawano	164	7,380
Forest	35	1,575	Sheboygan	89	4,005
Grant	143	6,435	Taylor	69	3,105
Juneau	117	5,265	Trempealeau	305	13,725
La Crosse	148	6,660	Washburn	75	3,375
Langlade	81	3,645	Washington	203	9,135
Lincoln	46	2,070	Waushara	20	900
Manitowoc	78	3,510	Winnebago	117	5,265
Marathon	205	9,225	<b>Total</b>	<b>5,646</b>	<b>254,070</b>
Marinette	251	11,295			
Marquette	55	2,475			
Oconto	263	11,835			

\* Counties not listed did not participate in the Deer Donation Program